



OIIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/971,884

DATE: 02/04/2002

TIME: 11:37:28

Input Set : N:\Crif3\RULE60\09971884.raw

Output Set: N:\CRF3\02042002\I971884.raw

ENTERED

1 <110> APPLICANT: Murphy, John R.
 2 Li, Sun
 3 <120> TITLE OF INVENTION: IDENTIFICATION OF VIRULENT DETERMINANT ACTIVATORS IN
 4 PROKARYOTIC PATHOGENS
 5 <130> FILE REFERENCE: BOSTU 3.0-002
 6 <140> CURRENT APPLICATION NUMBER: 09/971,884
 7 <141> CURRENT FILING DATE: 2001-10-05
 9 <150> PRIOR APPLICATION NUMBER: US/09/408,618
 10 <151> PRIOR FILING DATE: 1999-09-30
 14 <160> NUMBER OF SEQ ID NOS: 19
 15 <170> SOFTWARE: PatentIn Ver. 2.1
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 27
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Corynebacterium diphtheriae
 21 <400> SEQUENCE: 1
 22 ataattagga tagctttacc taattat 27
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 25 <211> LENGTH: 19
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Unknown
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
 30 <400> SEQUENCE: 2
 31 gtaggttagg ctaacctat 19
 33 <210> SEQ ID NO: 3
 34 <211> LENGTH: 25
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Unknown
 37 <220> FEATURE:
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 39 <223> OTHER INFORMATION: "n" bases represent a, t, c, g, other or unknown
 40 <400> SEQUENCE: 3
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 44 <211> LENGTH: 19
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Unknown
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
 49 <400> SEQUENCE: 4
 50 twaggttags ctaacctwa 19
 52 <210> SEQ ID NO: 5

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57 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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64 <213> ORGANISM: Unknown
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
67 <400> SEQUENCE: 6
68     gatattgaga atcatttttc                                     19
70 <210> SEQ ID NO: 7
71 <211> LENGTH: 19
72 <212> TYPE: DNA
73 <213> ORGANISM: Unknown
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
76 <400> SEQUENCE: 7
77     gatactgaga atcatttttc                                     19
79 <210> SEQ ID NO: 8
80 <211> LENGTH: 19
81 <212> TYPE: DNA
82 <213> ORGANISM: Unknown
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84 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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86     gatactgaga atcatgttc                                     19
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89 <211> LENGTH: 24
90 <212> TYPE: DNA
91 <213> ORGANISM: Unknown
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
94 <400> SEQUENCE: 9
95     accagatctg ccgaaaaact tcga                                24
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98 <211> LENGTH: 25
99 <212> TYPE: DNA
100 <213> ORGANISM: Unknown
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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106 <210> SEQ ID NO: 11
107 <211> LENGTH: 44

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108 <212> TYPE: DNA
109 <213> ORGANISM: Unknown
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115 <210> SEQ ID NO: 12
116 <211> LENGTH: 44
117 <212> TYPE: DNA
118 <213> ORGANISM: Unknown
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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127 <213> ORGANISM: Unknown
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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133 <210> SEQ ID NO: 14
134 <211> LENGTH: 20
135 <212> TYPE: DNA
136 <213> ORGANISM: Unknown
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
139 <400> SEQUENCE: 14
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143 <211> LENGTH: 22
144 <212> TYPE: DNA
145 <213> ORGANISM: Unknown
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
148 <400> SEQUENCE: 15
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151 <210> SEQ ID NO: 16
152 <211> LENGTH: 22
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154 <213> ORGANISM: Unknown
155 <220> FEATURE:
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157 <400> SEQUENCE: 16
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160 <210> SEQ ID NO: 17
161 <211> LENGTH: 59
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169 <210> SEQ ID NO: 18
170 <211> LENGTH: 59
171 <212> TYPE: DNA
172 <213> ORGANISM: Unknown
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
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181 <213> ORGANISM: Unknown
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Unknown Organism: Oligonucleotide
184 <400> SEQUENCE: 19
185 ggcagataac caacgcaacg acccagcttc ggctgggttt atcag 45

VERIFICATION SUMMARY

DATE: 02/04/2002

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Input Set : N:\Crf3\RULE60\09971884.raw

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L:41 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:3

L:41 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3

L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3